

**ABSTRACT**

An air conditioner arranged in a machine chamber supplies gas for air conditioning into an exposure chamber via a supply path, and performs air conditioning of the exposure chamber. Then, the gas for air conditioning that has performed air conditioning returns to the machine chamber via an exhaust path. A chemical filter is provided in part of the exhaust path returning to the machine chamber from the exposure chamber. This filter securely removes contaminants that are introduced by outgassing and the like in an exposure apparatus main body and that are contained in the gas for air conditioning returning to the machine chamber from the exposure chamber. Accordingly, the inside of the exposure chamber can be kept chemically clean. Therefore, highly accurate exposure quantity control and thus highly accurate exposure can be performed for a long period of time, and high throughput can be maintained for a long period of time.